

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0136
Expires: November 30, 2000

RESUBMITTAL

APPLICATION FOR PERMIT TO DRILL OR REENTER

JUL 20 2011

RECEIVED

1a. Type of Work ☒ DRILL ☐ REENTER		5. Lease Serial No. NMNM105557
1b. Type of Well ☒ Oil Well ☐ Gas ☐ Other ☒ Single Zone ☐ Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator OXY USA Inc.		7. Unit or CA Agreement Name and No.
3a. Address P.O. Box 50250 Midland, TX 79710-0250		8. Lease Name and Well No. (705116) Goodnight 27 Federal #3H
3b. Phone No. (include area code) 432-685-5717		9. API Well No. 30-015-39220
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface 962 FSL 364 FWL SWSW(M) At proposed prod. zone 400 FNL 740 FWL NWNW(D)		10. Field and Pool, or Exploratory Laguna Salado Bone Spring S. (96857)
14. Distance in miles and direction from nearest town or post office* 6 miles northeast from Loving, NM		11. Sec., T., R., M., or Blk. and Survey or Area Sec 27 T23S R29E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 364'	16. No. of Acres in lease 640	12. County or Parish Eddy
17. Spacing Unit dedicated to this well 160	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 826'	13. State NM
19. Proposed Depth 11520'M 7785'V	20. BLM/BIA Bond No on file ES0136	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3007' GL	22. Approximate date work will start* 6/1/11	23. Estimated duration 45

24. Attachments

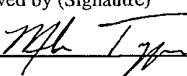
The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) David Stewart	Date 2/7/11
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Title

Sr. Regulatory Analyst

Approved by (Signature) 	Name (Printed/Typed) Michael Tupper	Date 05/19/2011
Title For STATE DIRECTOR	Office NM STATE OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

APPROVAL FOR TWO YEARS

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on Reverse)

CARLSBAD CONTROLLED WATER BASIN

SEE ATTACHED FOR
CONDITIONS OF APPROVALAPPROVAL SUBJECT TO
GENERAL REQUIREMENTS
AND SPECIAL STIPULATIONS
ATTACHED

DRILLING PROGRAM

Operator Name/Number:	OXY USA Inc.	16696
Lease Name/Number:	Goodnight 27 Federal #3H	305116
Pool Name/Number:	Laguna Salado, Bone Spring South	96857
Surface Location:	962 FSL 364 FWL SWSW(M) Sec 27 T23S R29E	
Bottom Hole Location:	400 FNL 740 FWL NWNW(D) Sec 27 T23S R29E	
Federal Lease Number:	NMNM105557	

Proposed TD:	7785' TVD	11520' TMD	Elevation: 3007' GL
SL - Lat: 32.2711136	Long: 103.9795276	X= 609354.3 Y= 462529.0	NAD - 1927
BH - Lat: 32.2820101	Long: 103.9783263	X= 609712.4 Y= 466494.2	NAD - 1927

1. Geologic Name of Surface Formation:

a. Permian

2. Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas:

<u>Geological Marker</u>	<u>Depth</u>	<u>Type</u>
a. Upper Permian Sand	170'	Water
b. Anhydrite	337'	---
c. Top Salt	648'	---
d. Base Salt	2809'	---
e. Delaware	3024'	---
f. Bell Canyon	3060'	Oil
g. Cherry Canyon	3980'	Oil
h. Brushy Canyon	6353'	Oil
i. Bone Spring	6768'	Oil
j. 1st Bone Spring	7739'	Oil

3. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD Csg</u>	<u>Weight</u>	<u>Collar</u>	<u>Grade</u>	<u>Condition</u>	<u>Collapse Design Factor</u>	<u>Burst Design Factor</u>	<u>Tension Design Factor</u>
17-1/2"	290' 550'	13-3/8"	48	ST&C	H-40	New	2.8	6.18	2.62
				Hole filled with 8.4# Mud			770#	1730#	
12-1/4"	3040'	9-5/8"	40	LT&C	J-55	New	1.6	1.24	2.56
				Hole filled with 10# Mud			2570#	3950#	
8-3/4"	11520' M	5-1/2"	17	LT&C	N-80	New	1.85	1.53	1.86
DVT @ 6000' - POST @ 3090'				Hole filled with 9.2# Mud			6280#	7740#	

Collapse and burst loads calculated using Stress Check with anticipated loads

4. Cement Program

- a. 13-3/8" Surface Circulate cement to surface w/ 485sx PP cmt w/ 4% Bentonite + .125#/sx Poly-E-Flake + 2% CaCl₂, 13.5ppg 1.75 yield 165% Excess followed by 200sx PP cmt w/ 2% CaCl₂ 14.8ppg 1.35 yield 165% Excess
- b. 9-5/8" Intermediate Circulate cement to surface w/ 751sx HES light PP cmt w/ 5% Salt + .125#/sx Poly-E-Flake + 5#/sx Gilsonite, 12.4ppg 2.10 yield 105% Excess followed by 200sx PP cmt w/ 1% CaCl₂, 14.8ppg 1.34 yield 105% Excess

- c. 5-1/2" Production Cement 1st stage w/ 1877sx Super H. w/ .5% Halad-344 + .4% CFR-3 + 3#/sx Gilsonite + .3% HR-800 + .125#/sx Poly-E-Flake, 13.2ppg 1.59 yield 135% Excess, Calc TOC-5995'
 Cement 2nd stage w/ 545sx HES light PP cmt w/ 3#/sx Salt + .125#/sx Pheno Seal + 5#/sx Gilsonite, 12.4ppg 2.09 yield 200% Excess followed by 100sx PP cmt w/ w/ 1% CaCl₂, 14.8ppg 1.34 yield 200% Excess, Calc TOC-3085'
 Cement 3rd stage w/ 481sx HES Light PP cmt w/ 3#/sx Salt, 12.4ppg 1.98 yield 35% Excess followed by 100sx PP cmt w/ 2% CaCl₂, 14.8ppg 1.35 yield 35% Excess, Circ Surface

The above cement volumes could be revised pending the caliper measurement.

5. Pressure Control Equipment:

Surface 0-550' 290 None

Production 550-10561' 13-5/8" 10M two ram stack w/ 5M annular preventer, 10M Choke Manifold

All BOP's and associated equipment will be tested in accordance with Onshore Order #2 (250/5000 psi on rams for 10 minutes each and 250/3500 for 10 minutes for annular preventer, equal to 70% of working pressure) with a third party BOP testing service before drilling out the 13-3/8" casing shoe. Wellhead pressure rating will support this test and 13-3/8" casing will be protected from high pressure. Since the wellhead system is a multibowl design, this initial test will cover the requirements prior to drilling out the 9-5/8" casing shoe.

Pipe Rams will be operated and checked each 24-hour period and each time the drill pipe is out of the hole. These functional tests will be documented on the daily driller's log. A 2" kill line and 3" choke line will be accommodated on the drilling spool below the ram-type BOP. Other accessory BOP equipment will include a Kelly cock, floor safety valve, choke lines and choke manifold having a 5000 psi WP rating. OXY requests that the entire system be tested as a 5000psi WP rating.

OXY also requests a variance to connect the BOP outlet to the choke manifold using a co-flex hose that is manufactured by Contitech Rubber Industrial KFT. It is a 3" ID X 35' flexible hose rated to 10000psi working pressure. It has been tested to 15000psi and is built to API Spec 16C. Once the flex line is installed, it will be tied down with safety clamps, see attached for certifications.

6. Proposed Mud Circulation System

<u>Depth</u>	<u>Mud Wt.</u> <u>ppg</u>	<u>Visc</u> <u>sec</u>	<u>Fluid</u> <u>Loss</u>	<u>Type System</u>
0 - 550' 290	8.4-8.9	32-34	NC	Fresh Water/Spud Mud
550 - 3040'	9.8-10.0	28-29	NC	Brine Water
3040 - 7200'	8.6-8.8	28-29	NC	Fresh Water
7200 - TD'	9.0-9.2	50-50	8-15	LSND

Pump high viscosity sweeps as needed for hole cleaning. The mud system will be monitored visually/manually as well as with an electronic PVT. The necessary mud products for additional weight and fluid loss control will be on location at all times.

7. Auxiliary Well Control and Monitoring Equipment:

- A Kelly cock will be in the drill string at all times.
- A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.
- Hydrogen Sulfide detection equipment will be in operation after drilling out the surface casing shoe until the production casing is cemented. Breathing equipment will be on location upon drilling the surface casing shoe until total depth is reached.

8. Logging, Coring and Testing Program:

See COA

- a. Drill stem tests are not anticipated but if done will be based on geological sample shows.
- b. The open hole electrical logging program will consist of a GR.
- c. No coring program is planned but if done will be sidewall rotary cores.
- d. No mudloggers are currently programmed for this well.

9. Potential Hazards:

No abnormal pressures, temperatures or H₂S gas are expected. The highest anticipated pressure gradient would be 0.54psi/ft or 3700psi. If H₂S is encountered the operator will comply with the provisions of Onshore Oil & Gas Order No.6. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Adequate flare lines will be installed off the mud/gas separator where gas may be flared safely.

10. Anticipated Starting Date and Duration of Operations:

Road and location construction will begin after the BLM has approved the APD. Anticipated spud date will be as soon as possible after BLM approval and as soon as a rig will be available. Move in operations and drilling is expected to take 45 days. If production casing is run, then an additional 30 days will be needed to complete the well and construct surface facilities and/or lay flow lines in order to place well on production.

United States Department of the Interior
Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220

Attention: Linda Denniston

RE: Goodnight 27 Fed #3H
Eddy County, New Mexico

STATEMENT ACCEPTING RESPONSIBILITY FOR OPERATIONS

OPERATOR NAME: OXY USA Inc.
ADDRESS: P.O. Box 4294
Houston, Texas 77210-4294

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

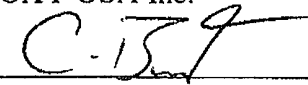
LEASE NO.: NMNM 105557

LEGAL DESCRIPTION: SL: 962 FSL 364 FWL SWSW(M)
PBHL: 400 FNL 740 FWL NWNW(D)
Section 27 T23S R29E
Eddy County, New Mexico

FORMATIONS: Bone Spring

BOND COVERAGE: Nationwide

BLM BOND FILE NO.: ES 0136

AUTHORIZED SIGNATURE: OXY USA Inc.

Colin D. Barnett

TITLE: Landman

DATE: January 7, 2011

cc: David Stewart

Occidental Permian Ltd.

Goodnight 27 Fed #3H Eddy Co, NM

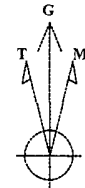
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	5.16	0.00	0.00	0.00	0.00	0.00	0.00	
2	7212.04	0.00	5.16	7212.04	0.00	0.00	0.00	0.00	0.00	
3	8112.04	90.00	5.16	7785.00	570.64	51.49	10.00	5.16	572.96	
4	11520.39	90.00	5.16	7785.00	3965.20	357.80	0.00	0.00	3981.31	Pbhl

WELL DETAILS						
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Goodnight 27 Fed #3H	0.00	0.00	462529.00	609354.30	32°16'16.009N	103°58'46.299W

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Pbhl	7785.00	3965.20	357.80	466494.20	609712.10	Point

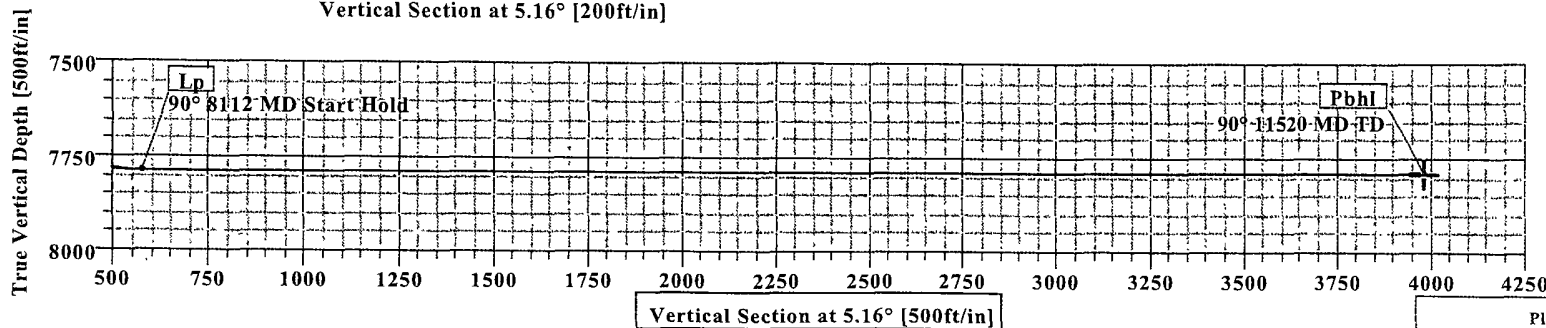
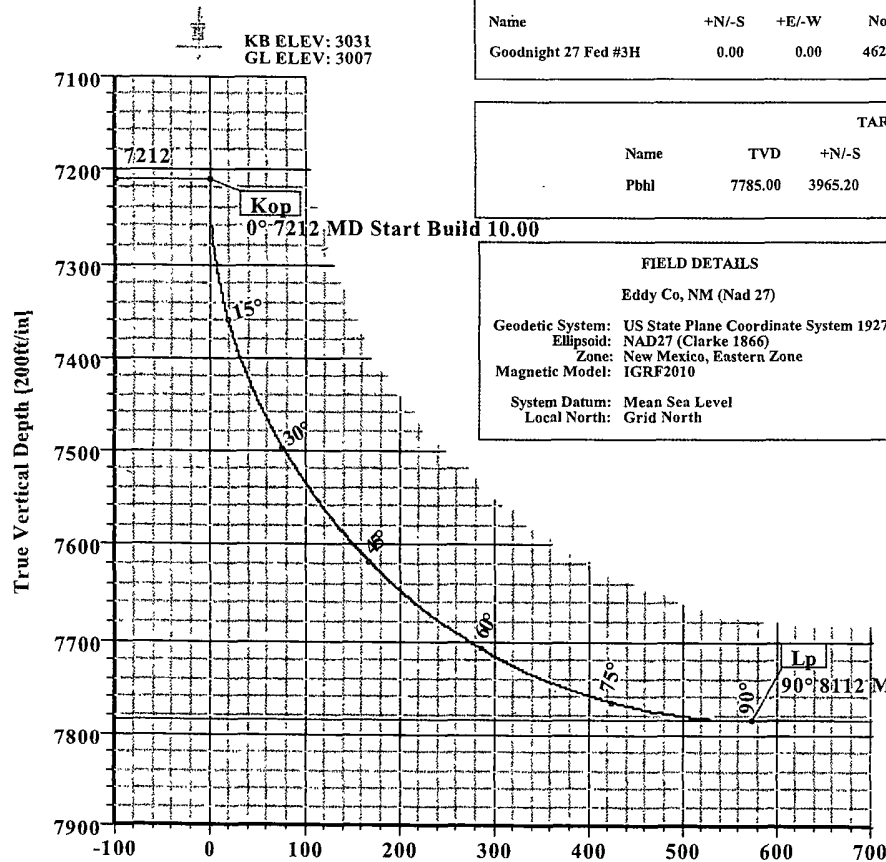
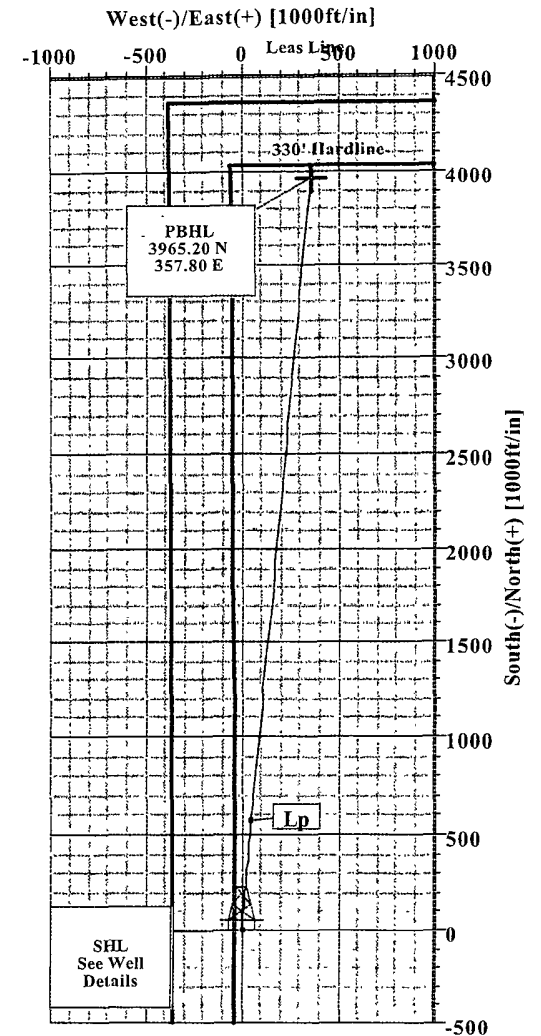
FIELD DETAILS	
Eddy Co, NM (Nad 27)	
Geodetic System:	US State Plane Coordinate System 1927
Ellipsoid:	NAD27 (Clarke 1866)
Zone:	New Mexico, Eastern Zone
Magnetic Model:	IGRF2010
System Datum:	Mean Sea Level
Local North:	Grid North

SITE DETAILS	
Goodnight 27 Fed #3H	
Site Centre Northing:	462529.00
Easting:	609354.30
Ground Level:	3007.00
Positional Uncertainty:	0.00
Convergence:	0.19

	
Azimuths to Grid North	
True North:	-0.19°
Magnetic North:	7.61°
Magnetic Field	
Strength:	48643nT
Dip Angle:	60.16°
Date:	4/10/2011
Model:	IGRF2010
Total Correction to Grid North: 7.61°	



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WFT Plan Report - X & Y's



Weatherford

Company: Occidental Permian Ltd. Field: Eddy Co. NM (Nad 27) Site: Goodnight 27 Fed #3H Well: Goodnight 27 Fed #3H Wellpath: 1		Date: 12/15/2010 Co-ordinate (NE) Reference: Well: Goodnight 27 Fed #3H Grid: North Vertical (TVD) Reference: SITE 3031.0 Section (VS) Reference: Well (0.00N:0.00E:5.16Azi) Survey Calculation Method: Minimum Curvature Db: Sybase								
Plan: Plan #1 Principal: Yes		Date Composed: 12/15/2010 Version: 1 Tied-to: From Surface								
Field: Eddy Co, NM (Nad 27)										
Map System: US State Plane Coordinate System 1927 Geo Datum: NAD27 (Clarke 1866) Sys Datum: Mean Sea Level		Map Zone: New Mexico, Eastern Zone Coordinate System: Well Centre Geomagnetic Model: IGRF2010								
Site: Goodnight 27 Fed #3H										
Site Position: From: Map Position Uncertainty: 0.00 ft Ground Level: 3007.00 ft		Northing: 462529.00 ft Easting: 609354.30 ft Latitude: 32 16 16.009 N Longitude: 103 58 46.299 W North Reference: Grid Grid Convergence: 0.19 deg								
Well: Goodnight 27 Fed #3H		Slot Name:								
Well Position: +N/-S 0.00 ft Position Uncertainty: +E/-W 0.00 ft		Well Position: +N/-S 0.00 ft Position Uncertainty: +E/-W 0.00 ft Northing: 462529.00 ft Easting: 609354.30 ft Latitude: 32 16 16.009 N Longitude: 103 58 46.299 W								
Wellpath: 1		Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 7.80 deg Mag Dip Angle: 60.16 deg +E/-W Direction deg								
Current Datum: SITE Magnetic Data: 4/10/2011 Field Strength: 48643 nT Vertical Section: Depth From (TVD) ft 7785.00		Height 3031.00 ft +N/-S ft 0.00								
		0.00								
		0.00								
		5.16								
Plan Section Information										
MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
0.00	0.00	5.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7212.04	0.00	5.16	7212.04	0.00	0.00	0.00	0.00	0.00	0.00	
8112.04	90.00	5.16	7785.00	570.64	51.49	10.00	10.00	0.00	5.16	
11520.39	90.00	5.16	7785.00	3965.20	357.80	0.00	0.00	0.00	0.00	Pbhl
Survey										
MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	MapN	MapE	Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	ft	
7200.00	0.00	5.16	7200.00	0.00	0.00	0.00	0.00	462529.00	609354.30	
7212.04	0.00	5.16	7212.04	0.00	0.00	0.00	0.00	462529.00	609354.30	Kop
7300.00	8.80	5.16	7299.65	6.71	0.61	6.74	10.00	462535.71	609354.91	
7400.00	18.80	5.16	7396.65	30.43	2.75	30.55	10.00	462559.43	609357.05	
7500.00	28.80	5.16	7488.03	70.56	6.37	70.85	10.00	462599.56	609360.67	
7600.00	38.80	5.16	7571.03	125.89	11.36	126.40	10.00	462654.89	609365.66	
7700.00	48.80	5.16	7643.12	194.73	17.57	195.52	10.00	462723.73	609371.87	
7800.00	58.80	5.16	7702.11	275.00	24.81	276.11	10.00	462804.00	609379.11	
7900.00	68.80	5.16	7746.21	364.24	32.87	365.72	10.00	462893.24	609387.17	
8000.00	78.80	5.16	7774.08	459.76	41.49	461.63	10.00	462988.76	609395.79	
8100.00	88.80	5.16	7784.87	558.65	50.41	560.92	10.00	463087.65	609404.71	
8112.04	90.00	5.16	7785.00	570.64	51.49	572.96	10.00	463099.64	609405.79	Lp
8200.00	90.00	5.16	7785.00	658.24	59.40	660.92	0.00	463187.24	609413.70	
8300.00	90.00	5.16	7785.00	757.84	68.38	760.92	0.00	463286.84	609422.68	
8400.00	90.00	5.16	7785.00	857.43	77.37	860.92	0.00	463386.43	609431.67	
8500.00	90.00	5.16	7785.00	957.03	86.36	960.92	0.00	463486.03	609440.66	
8600.00	90.00	5.16	7785.00	1056.62	95.34	1060.92	0.00	463585.62	609449.64	

Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company:	Occidental Petroleum Ltd.	Date:	12/15/2010	Time:	13:20:37	Page:	2
Field:	Eddy Co NM (Nad 27)	Co-ordinate (NE) Reference:	Well: Goodnight 27 Fed #3H	Grid:	North		
Site:	Goodnight 27 Fed #3H	Vertical (TVD) Reference:	SITE 3031.0				
Well:	Goodnight 27 Fed #3H	Section (VS) Reference:	Well (0.00N:0.00E:5.16Azi)				
Wellpath:		Survey Calculation Method:	Minimum Curvature	Db:	Sybase		

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Map N ft	Map E ft	Comment
8700.00	90.00	5.16	7785.00	1156.22	104.33	1160.92	0.00	463685.22	609458.63	
8800.00	90.00	5.16	7785.00	1255.81	113.32	1260.92	0.00	463784.81	609467.62	
8900.00	90.00	5.16	7785.00	1355.41	122.31	1360.92	0.00	463884.41	609476.61	
9000.00	90.00	5.16	7785.00	1455.00	131.29	1460.92	0.00	463984.00	609485.59	
9100.00	90.00	5.16	7785.00	1554.60	140.28	1560.92	0.00	464083.60	609494.58	
9200.00	90.00	5.16	7785.00	1654.19	149.27	1660.92	0.00	464183.19	609503.57	
9300.00	90.00	5.16	7785.00	1753.79	158.25	1760.92	0.00	464282.79	609512.55	
9400.00	90.00	5.16	7785.00	1853.39	167.24	1860.92	0.00	464382.39	609521.54	
9500.00	90.00	5.16	7785.00	1952.98	176.23	1960.92	0.00	464481.98	609530.53	
9600.00	90.00	5.16	7785.00	2052.58	185.21	2060.92	0.00	464581.58	609539.51	
9700.00	90.00	5.16	7785.00	2152.17	194.20	2160.92	0.00	464681.17	609548.50	
9800.00	90.00	5.16	7785.00	2251.77	203.19	2260.92	0.00	464780.77	609557.49	
9900.00	90.00	5.16	7785.00	2351.36	212.18	2360.92	0.00	464880.36	609566.48	
10000.00	90.00	5.16	7785.00	2450.96	221.16	2460.92	0.00	464979.96	609575.46	
10100.00	90.00	5.16	7785.00	2550.55	230.15	2560.92	0.00	465079.55	609584.45	
10200.00	90.00	5.16	7785.00	2650.15	239.14	2660.92	0.00	465179.15	609593.44	
10300.00	90.00	5.16	7785.00	2749.74	248.12	2760.92	0.00	465278.74	609602.42	
10400.00	90.00	5.16	7785.00	2849.34	257.11	2860.92	0.00	465378.34	609611.41	
10500.00	90.00	5.16	7785.00	2948.93	266.10	2960.92	0.00	465477.93	609620.40	
10600.00	90.00	5.16	7785.00	3048.53	275.08	3060.92	0.00	465577.53	609629.38	
10700.00	90.00	5.16	7785.00	3148.13	284.07	3160.92	0.00	465677.13	609638.37	
10800.00	90.00	5.16	7785.00	3247.72	293.06	3260.92	0.00	465776.72	609647.36	
10900.00	90.00	5.16	7785.00	3347.32	302.05	3360.92	0.00	465876.32	609656.35	
11000.00	90.00	5.16	7785.00	3446.91	311.03	3460.92	0.00	465975.91	609665.33	
11100.00	90.00	5.16	7785.00	3546.51	320.02	3560.92	0.00	466075.51	609674.32	
11200.00	90.00	5.16	7785.00	3646.10	329.01	3660.92	0.00	466175.10	609683.31	
11300.00	90.00	5.16	7785.00	3745.70	337.99	3760.92	0.00	466274.70	609692.29	
11400.00	90.00	5.16	7785.00	3845.29	346.98	3860.92	0.00	466374.29	609701.28	
11500.00	90.00	5.16	7785.00	3944.89	355.97	3960.92	0.00	466473.89	609710.27	
11520.39	90.00	5.16	7785.00	3965.20	357.80	3981.31	0.00	466494.20	609712.10	Pbhl

Targets

Name	Description	TVD	N/S	E/W	Map Northing	Map Easting	Latitude	Longitude
Dip	Dir	ft	ft	ft	ft	ft	Deg Min Sec	Deg Min Sec
Pbhl		7785.00	3965.20	357.80	466494.20	609712.10	32 16 55.237 N	103 58 41.979 W

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD	TVD	
ft	ft	
7212.04	7212.04	Kop
8112.04	7785.00	Lp
11520.39	7785.00	Pbhl

Weatherford International Ltd.

WFT Plan Report - X & Y's



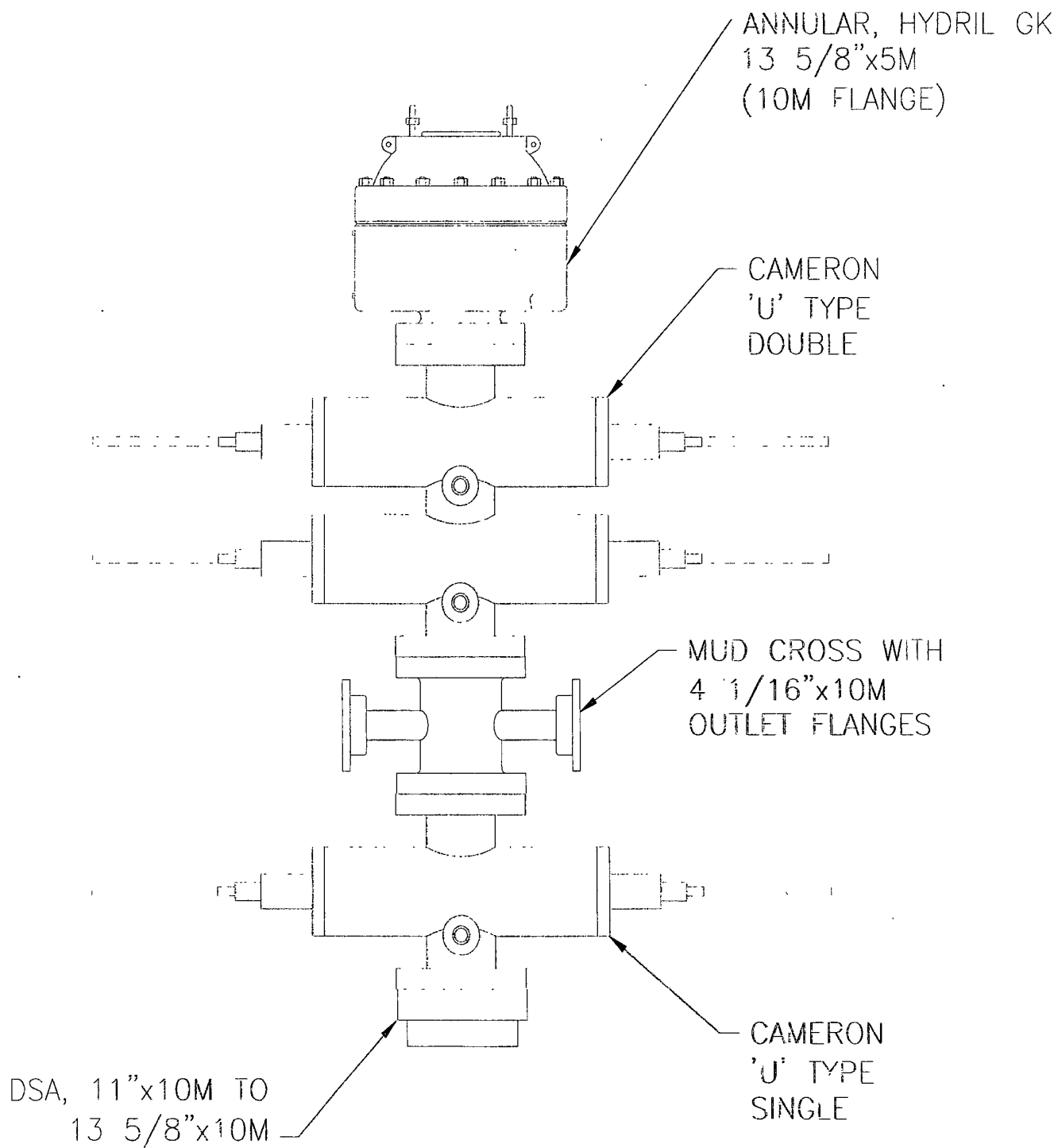
Weatherford

Company:	Occidental Permian Ltd.	Date:	12/15/2010	Time:	13:20:37	Page:	3
Field:	Eddy Co. NM (Nad 27)	Co-ordinate (NE) Reference:	Well: Goodnight 27 Fed #3H	Grid:	North		
Site:	Goodnight 27 Fed #3H	Vertical (TVD) Reference:	SITE 3031.0				
Well:	Goodnight 27 Fed #3H	Section (VS) Reference:	Well: (0:00N, 0:00E, 5:16Azi)				
Wellpath:	1	Survey Calculation Method:	Minimum Curvature	Db:	Sybase		

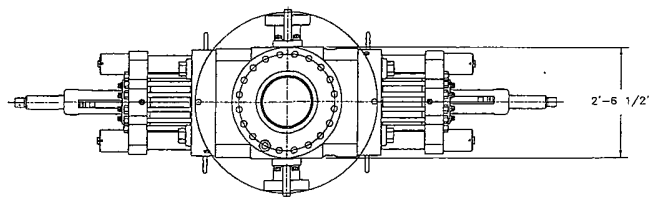
Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

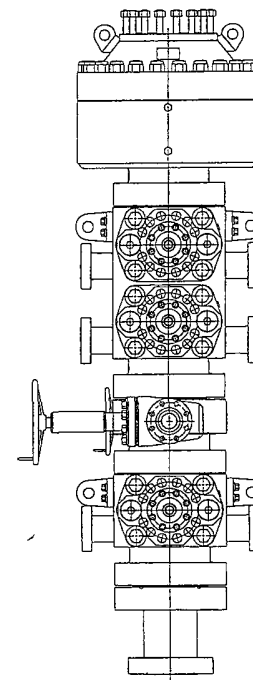
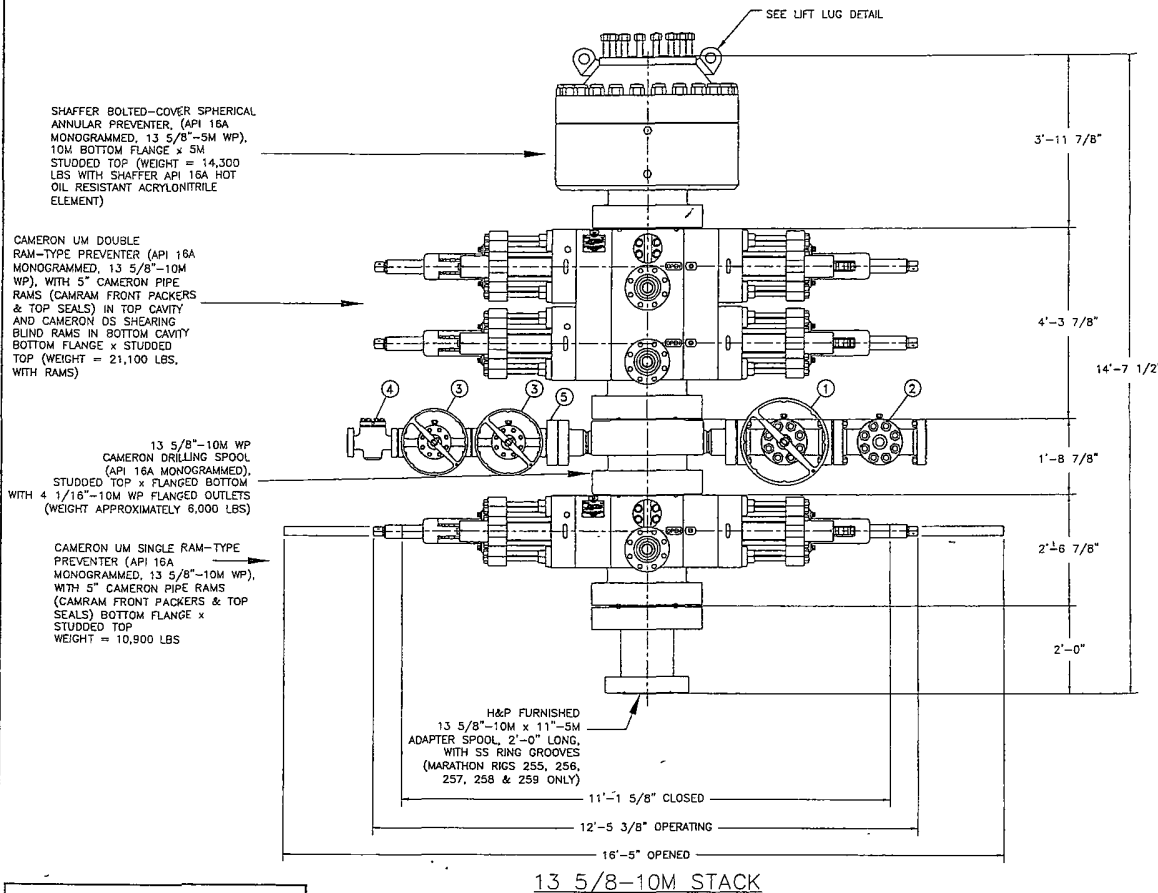
BOP Diagram



BOP STACK



- LEGEND
- ① - 4 1/16"-10M FLANGED END GATE VALVE
 - ② - 4 1/16"-10M FLANGED END GATE VALVE WITH DOUBLE ACTING HYDRAULIC ACTUATOR
 - ③ - 2 1/16"-10M FLANGED END GATE VALVE
 - ④ - 2 1/16"-10M FLANGED END CHECK VALVE
 - ⑤ - DOUBLE STUDDED ADAPTER



ISSUED FOR FABRICATION
December-18-2007
DRAFTSMAN _____
ENGINEER _____

API 6A MONOGRAMMED CAMERON CHOKE AND KILL WING VALVE ASSEMBLIES ARE NOT SHOWN FOR CLARITY

WEIGHTS DO NOT INCLUDE HOSES, ADAPTER SPOOLS OR QUICK CONNECT FITTINGS

PROPRIETARY

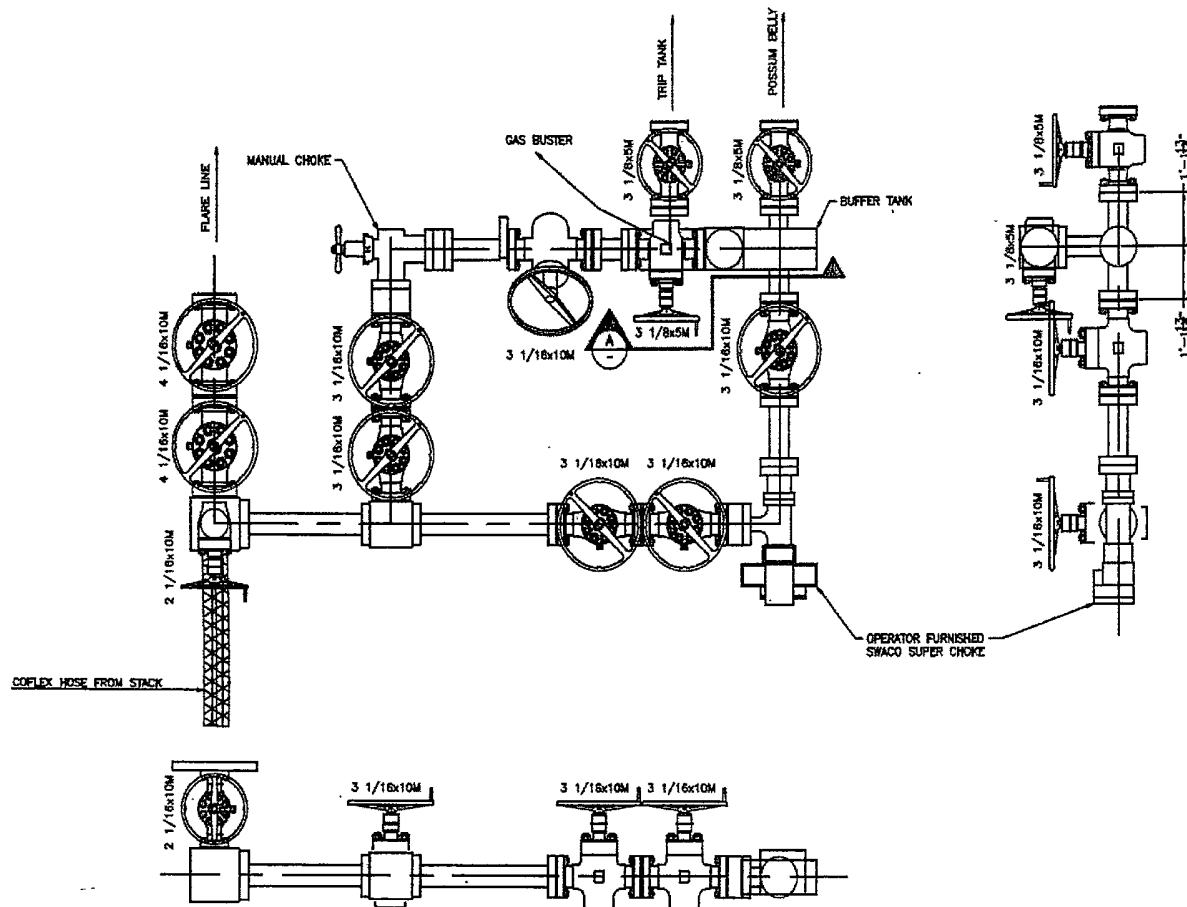
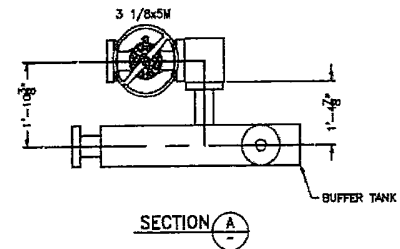
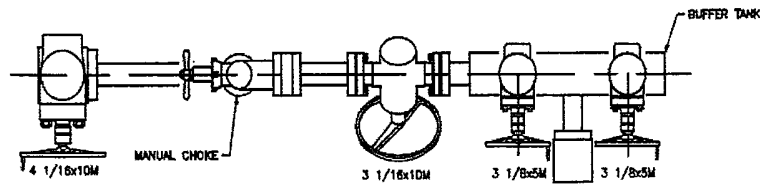
THIS DRAWING AND THE IDEAS AND INFORMATION INCLUDED IN THIS DRAWING ARE PROPRIETARY AND ARE NOT TO BE REPRODUCED, DISTRIBUTED OR DISCLOSED IN ANY MANNER WITHOUT THE PRIOR, WRITTEN CONSENT OF A DULY AUTHORIZED OFFICER OF HELMERICH & PAYNE INTL. DRILLING CO.

HELMERICH & PAYNE
INTERNATIONAL DRILLING CO.

13 5/8"-10M BOP 3 RAM STACK
FLEXRIG3

ENGINEERING APPROVAL			DATE	TITLE
	12/18/07	ADDED SHEET 03	JAV	13 5/8"-10M BOP 3 RAM STACK FLEXRIG3
	4-10-07	ORIENTATION REVISED DOUBLE STUDDED ADAPTER, VALVES 1, 2, 6, 3 AND 4'S CHECK VALVE ADDED	JBC	
	4-04-07	6" ADDED TO SPACER ADAPTER SPOOL	JBC	
	02-07-07	ADDED ADAPTER SPOOL	MWL	
	06-13-02	CORRECTED BOP STACK	MWL	
REV	DATE	DESCRIPTION	BY	CUSTOMER: H&P
				PROJECT: FLEXRIG3
				DRAWN: MTS
				DATE: 6-5-02
				DWG NO
				REV
				SCALE: 3/4"=1'
				SHEET 1 OF 3
				210-P1-07
				E

CUSTOMER: H&P
PROJECT: FLEXRIG3
DRAWN: MTS
DATE: 6-5-02
DWG NO: 210-P1-07
SHEET 1 OF 3



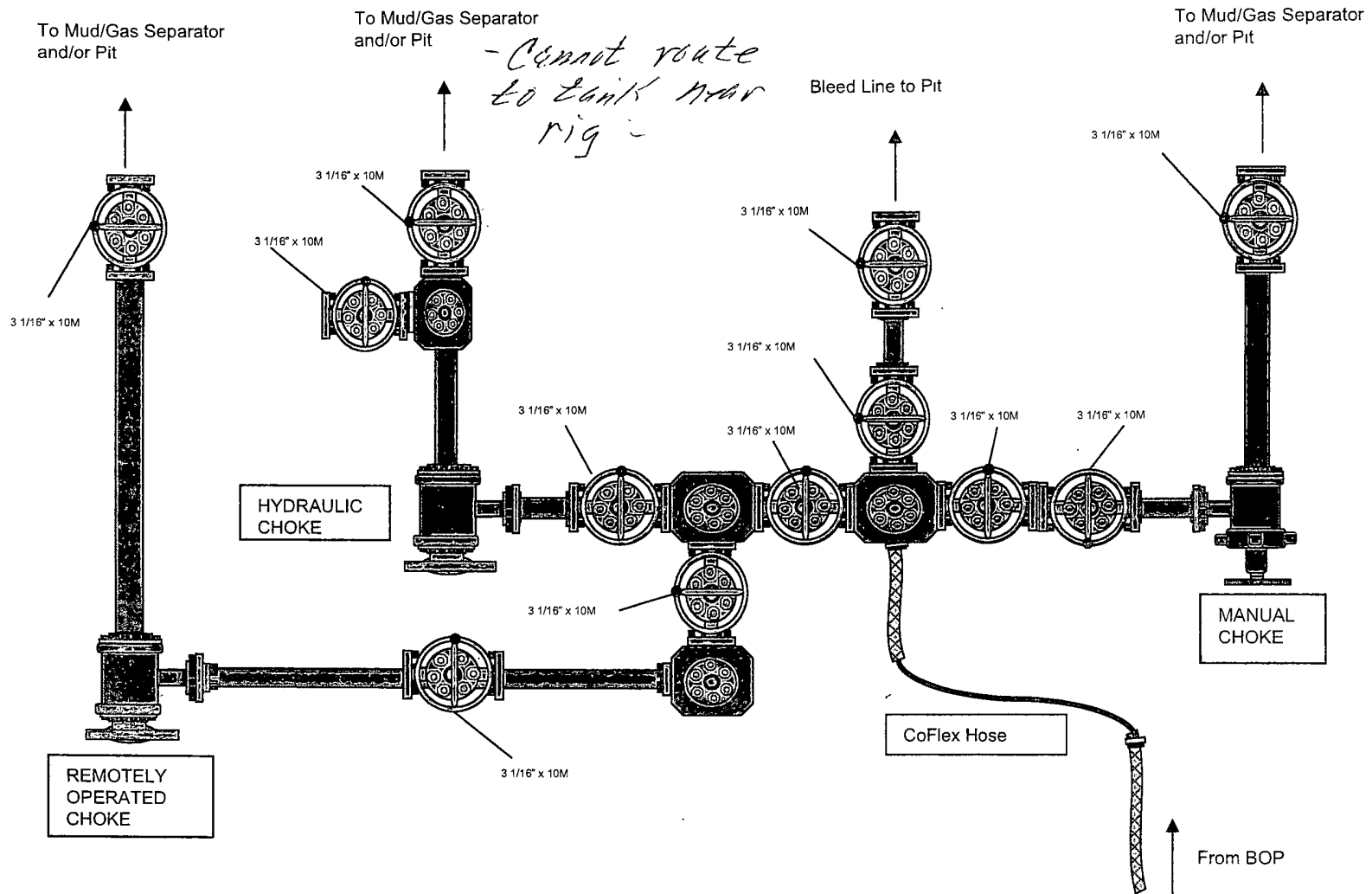
**ISSUED FOR
FABRICATION**
MARCH 6, 2003
DRAFTSMAN _____
ENGINEER _____

PROPRIETARY
THIS DRAWING AND THE IDEAS AND INFORMATION INCLUDED
IN THIS DRAWING ARE PROPRIETARY AND ARE NOT TO BE
REPRODUCED, DISTRIBUTED OR DISCLOSED IN ANY MANNER,
WITHOUT THE PRIOR WRITTEN CONSENT OF A duly author-
ized OFFICER OF HELMERICH & PAYNE INT'L DRILLING CO.

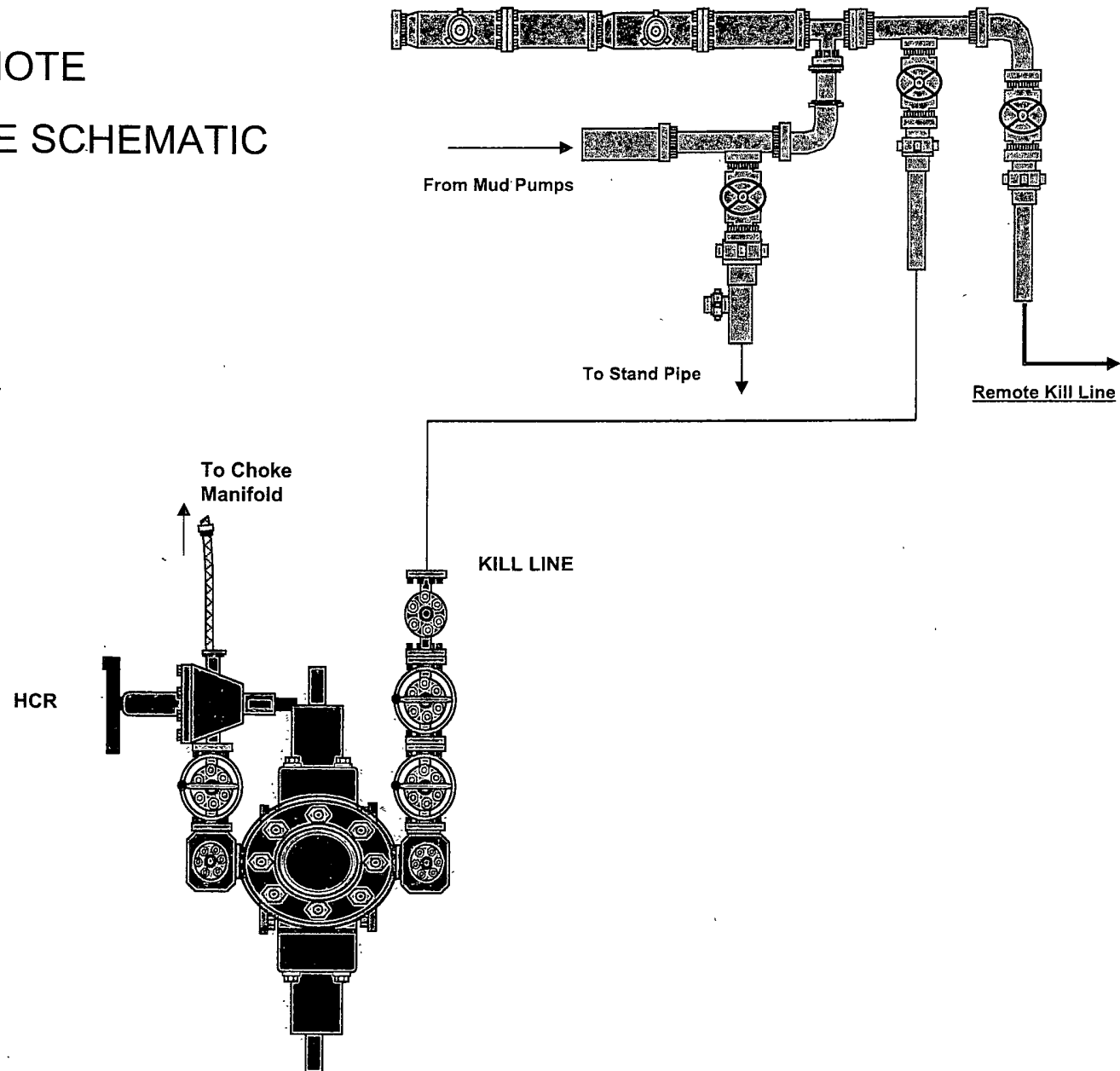
ENGINEERING APPROVAL				DATE	
△					
△					
△					
△	10/13/02	ADJUST DIM TO FIELD CONFIRMED DIM	RAY		
REV	DATE	DESCRIPTION	BY	SCALE	REVISION
				3/4"=1'	

HELMERICH & PAYNE INTERNATIONAL DRILLING CO.		CHOKE MANIFOLD			
CUSTOMER: H&P		PROJECT: FLEXING3			
DRAWN: MTS	DATE: 2-28-02	DWG. NO.:			
SCALE: 3/4"=1'	SHEET: 1 OF 1	216-P1-05	A		

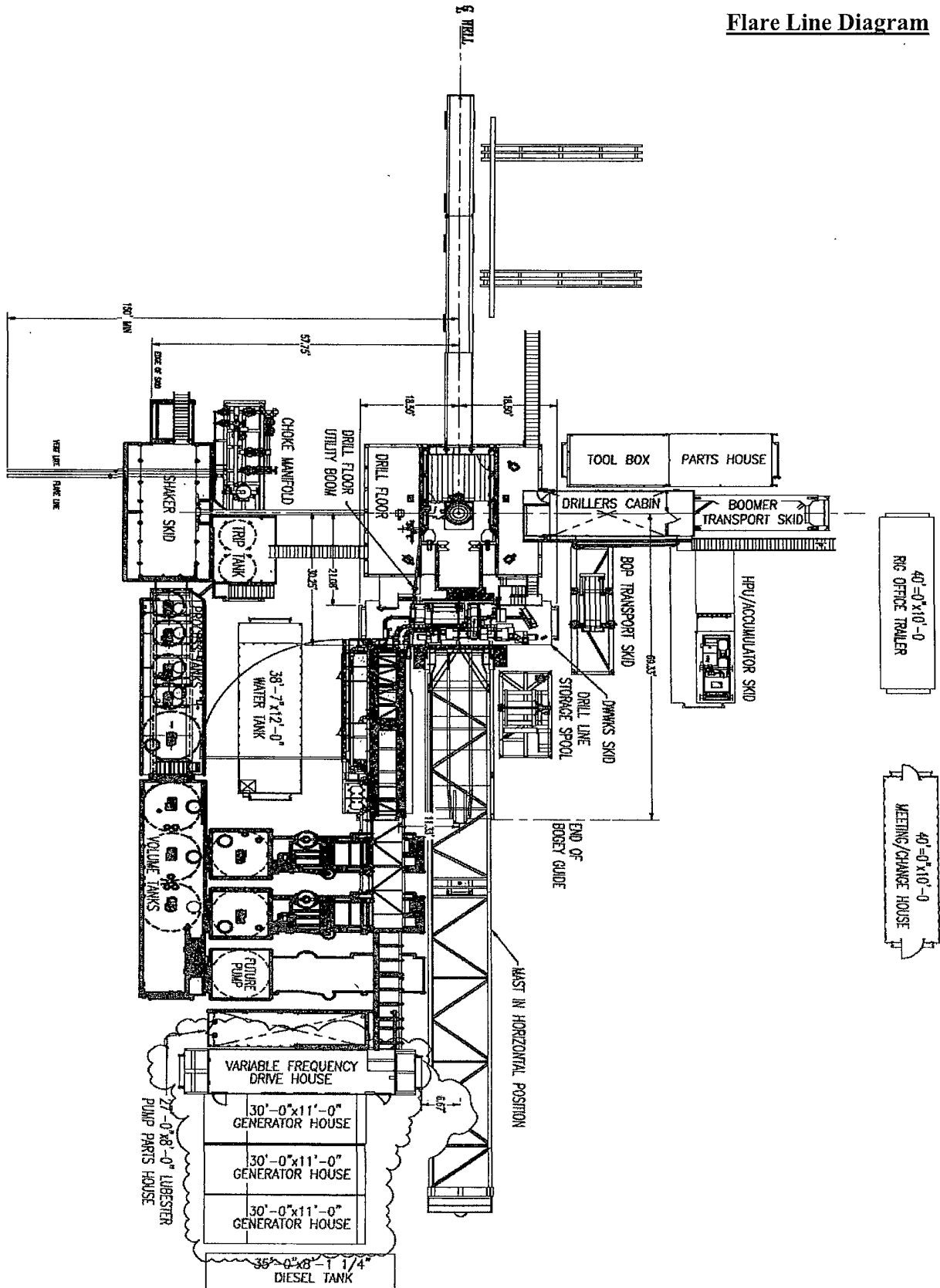
10M CHOKE MANIFOLD CONFIGURATION



KILL LINE SCHEMATIC



Flare Line Diagram



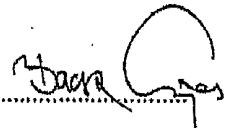
CERTIFICATE OF CONFORMITY

Supplier : CONTITECH RUBBER INDUSTRIAL KFT.
Equipment : 6 pcs. Choke and Kill Hose with installed couplings
Type : 3" x 10,67 m WP: 10000 psi
Supplier File Number : 412638
Date of Shipment : April. 2008
Customer : Phoenix Beattie Co.
Customer P.o. : 002491
Referenced Standards
/ Codes / Specifications : API Spec 16 C
Serial No.: 52754,52755,52776,52777,52778,52782

STATEMENT OF CONFORMITY

We hereby certify that the above items/equipment supplied by us are in conformity with the terms, conditions and specifications of the above Purchaser Order and that these items/equipment were fabricated inspected and tested in accordance with the referenced standards, codes and specifications and meet the relevant acceptance criteria and design requirements.

COUNTRY OF ORIGIN HUNGARY/EU

Signed : 

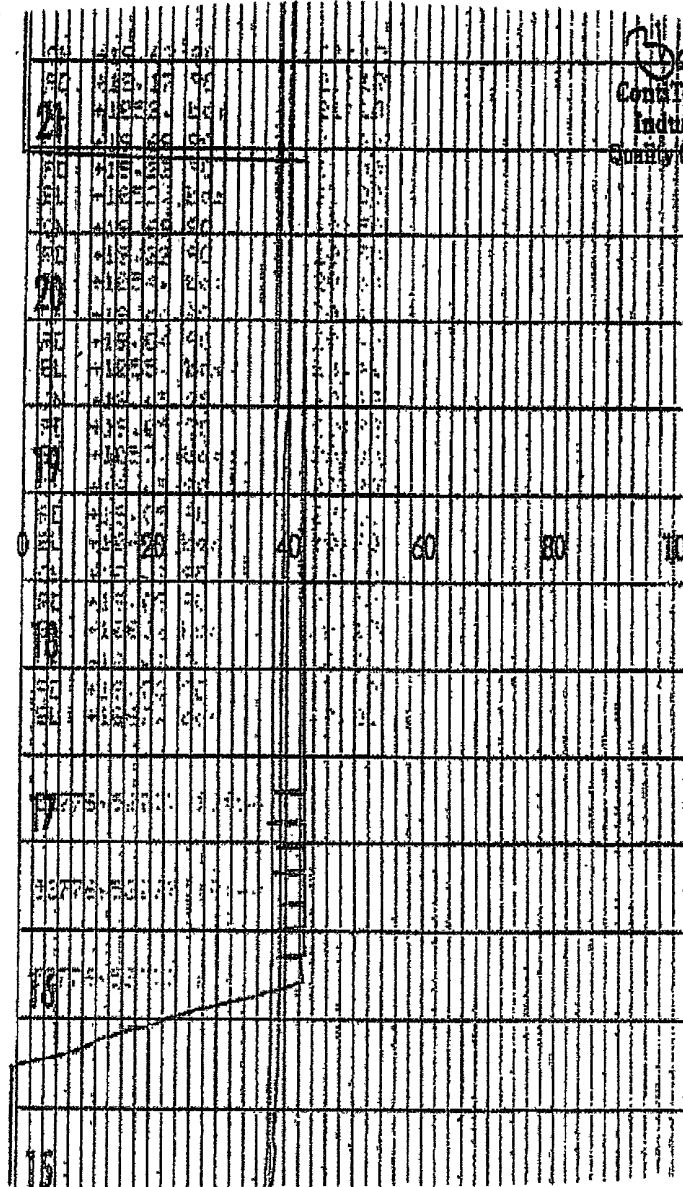
ContiTech Rubber
Industrial Kft.
Quality Control Dept.
(1)

Date: 04. April. 2008

Position: Q.C. Manager

Coflex Hose Certification

Page: 1/1



Cons Tech Rubber
Industrial Kft.
Quality Control Dept.
(2)



Material Identification Certificate

PA No	006330	Client	HELMERICH & PAYNE INT'L DRILLING	Client Ref	370-369-001	Page	1
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[illegible]

We hereby certify that these goods have been inspected by our Quality Management System, and to the best of our knowledge are found to conform to relevant industry standards within the requirements of the purchase order as issued to Phoenix Beattie Corporation.

05/23/09

Coflex Hose Certification

Coflex Hose Certification

Form No 100/12

**Phoenix Beattie Corp**

11535 Brittmoore Park Drive
Houston, TX 77041
Tel: (832) 327-0141
Fax: (832) 327-0148
E-mail: mail@phoenixbeattie.com
www.phoenixbeattie.com

Delivery Note

Customer Order Number	370-369-001	Delivery Note Number	003078	Page	1
Customer / Invoice Address HELMERICH & PAYNE INT'L DRILLING CO 1437 SOUTH BOULDER TULSA, OK 74119		Delivery / Address HELMERICH & PAYNE IDC ATTN: JOE STEPHENSON - RIG 370 13609 INDUSTRIAL ROAD HOUSTON, TX 77015			

Customer Acc No	Phoenix Beattie Contract Manager	Phoenix Beattie Reference	Date
H01	JJL	006330	05/23/2008

Item No	Beattie Part Number / Description	Qty Ordered	Qty Sent	Qty To Follow
1	HP10CK3A-35-4F1 3" 10K 16C C&K HOSE x 35ft OAL CW 4.1/16" API SPEC FLANGE E/ End 1: 4.1/16" 10Kpsi API Spec 6A Type 6BX Flange End 2: 4.1/16" 10Kpsi API Spec 6A Type 6BX Flange c/w BX155 Standard ring groove at each end Suitable for H2S Service Working pressure: 10,000psi Test pressure: 15,000psi Standard: API 16C Full specification Armor Guarding: Included Fire Rating: Not Included Temperature rating: -20 Deg C to +100 Deg C	1	1	0
2	SECK3-HPF3 LIFTING & SAFETY EQUIPMENT TO SUIT HP10CK3-35-F1 2 x 160mm ID Safety Clamps 2 x 244mm ID Lifting Collars & element C's 2 x 7ft Stainless Steel wire rope 3/4" OD 4 x 7.75t Shackles	1	1	0
3	SC725-200CS SAFETY CLAMP 200MM 7.25T C/S GALVANISED	1	1	0

Continued...

All goods remain the property of Phoenix Beattie until paid for in full. Any damage or shortage on this delivery must be advised within 5 days. Returns may be subject to a handling charge.



Fluid Technology

Quality Document

QUALITY CONTROL INSPECTION AND TEST CERTIFICATE				CERT. N°: 746	
PURCHASER: Phoenix Beattie Co.			P.O. N°: 002491		
CONTITECH ORDER N°: 412638		HOSE TYPE: 3" ID Choke and Kill Hose			
HOSE SERIAL N°: 52777		NOMINAL / ACTUAL LENGTH: 10,67 m			
W.P. 68,96 MPa 10000 psi		T.P. 103,4 MPa 15000 psi		Duration: 60 ~ min.	
Pressure test with water at ambient temperature See attachment. (1 page) ↑ 10 mm = 10 Min. → 10 mm = 25 MPa					
COUPLINGS					
Type	Serial N°		Quality	Heat N°	
3" coupling with 4 1/16" Flange end	917	913	AISI 4130	T7998A	
			AISI 4130	26984	
INFOCHIP INSTALLED				API Spec 16 C Temperature rate: "B"	
All metal parts are flawless					
WE CERTIFY THAT THE ABOVE HOSE HAS BEEN MANUFACTURED IN ACCORDANCE WITH THE TERMS OF THE ORDER AND PRESSURE TESTED AS ABOVE WITH SATISFACTORY RESULT.					
Date: 04. April. 2008	Inspector		Quality Control ContinTech Rubber Industrial Kft. Quality Control Dept. (1)		

Coflex Hose Certification

Form No 100/12



Phoenix Beattie Corp

11535 Brittanore Park Drive
Houston, TX 77041
Tel: (832) 327-0141
Fax: (832) 327-0148
E-mail mail@phoenixbeattie.com
www.phoenixbeattie.com

Delivery Note

Customer Order Number	370-369-001	Delivery Note Number	003078	Page	2
Customer / Invoice Address HELMERICH & PAYNE INT'L DRILLING CO 1437 SOUTH BOULDER TULSA, OK 74119		Delivery / Address HELMERICH & PAYNE IDC ATTN: JOE STEPHENSON - RIG 370 13609 INDUSTRIAL ROAD HOUSTON, TX 77015			

Customer Acc No	Phoenix Beattie Contract Manager	Phoenix Beattie Reference	Date
H01	JJL	006330	05/23/2008

Item No	Beattie Part Number / Description	Qty Ordered	Qty Sent	Qty To Follow
4	SC725-132CS SAFETY CLAMP 132MM 7.25T C/S GALVANIZED C/W BOLTS	1	1	0
5	00CERT-HYDRO HYDROSTATIC PRESSURE TEST CERTIFICATE	1	1	0
6	00CERT-LOAD LOAD TEST CERTIFICATES	1	1	0
7	00FREIGHT INBOUND / OUTBOUND FREIGHT PRE-PAY & ADD TO FINAL INVOICE NOTE: MATERIAL MUST BE ACCOMPANIED BY PAPERWORK INCLUDING THE PURCHASE ORDER, RIG NUMBER TO ENSURE PROPER PAYMENT	1	1	0

Phoenix Beattie Inspection Signature :

Received In Good Condition : Signature

Print Name

Date

All goods remain the property of Phoenix Beattie until paid for in full. Any damage or shortage on this delivery must be advised within 5 days. Returns may be subject to a handling charge.



IN REPLY REFER TO:

NM 105557
3160 (P0220)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

New Mexico State Office

P.O. Box 27115

Santa Fe, New Mexico 87502-0115

www.blm.gov/nm



May 19, 2011

Your Reference:

NM 105557

Goodnight 27 Federal #3H

SHL: 962'/S. & 364'/W., sec. 27, T. 23 S., R. 29 E.

BHL: 400'/N. & 740'/W., sec. 27, T. 23 S., R. 29 E.

Eddy County, New Mexico

HOBBS OCD

JUL 20 2011

RECEIVED

CERTIFIED--RETURN RECEIPT REQUESTED

7008 3230 0002 0987 8449

OXY USA, Inc.

P. O. Box 50250

Midland, TX 79710-0250

Gentlemen:

We have approved your application at the well location requested. A copy of the approved application with stipulations is enclosed. Please contact our Carlsbad Field Office at (575) 234-5972, should you have any questions or if we can be of any additional help.

Sincerely,

For Linda S.C. Rundell
State Director

1 Enclosure

DISTRICT I --- CHECKLIST FOR INTENTS TO DRILL

705166

Operator OXY USA INC OGRID # 16696
 Well Name & # GOODNIGHT 27 FEDERAL #3H Surface Type (F) (S) (P)
 Location: UL M, Sect 27, Township 23 s, RNG 29 e,
D - 27 - 23 - 29E Sub-surface Type (F) (S) (P)

A. Date C101 rec'd / / C101 reviewed / /

B. 1. Check mark, Information is OK on Forms:

OGRID ☒ BONDING FED PROP CODE WELL # SIGNATURE

2. Inactive Well list as of: 7/21/11 # wells 183, # Inactive wells 8

a. District Grant APD but see number of inactive wells:

No letter required ☒; Sent Letter to Operator , to Santa Fe

3. Additional Bonding as of: 7/21/11

a. District Denial because operator needs addition bonding:

No Letter required ☒; Sent Letter to Operator , To Santa Fe

b. District Denial because of Inactive well list and Financial Assurance:

No Letter required ☒; Sent Letter to Operator , To Santa Fe

C. C102 YES ☒ NO , Signature

1. Pool LAGUNA SALADO; BONE SPRING, SOUTH Code 96857

a. Dedicated acreage 160, What Units DELM

b. SUR. Location Standard ☒ Non-Standard Location

c. Well shares acres: Yes , No ☒ # of wells plus this well #

2. 2nd. Operator in same acreage, Yes , No ☒

Agreement Letter , Disagreement letter

3. Intent to Directional Drill Yes ☒ No

a. Dedicated acreage 160, What Units DELM

b. Bottomhole Location Standard ☒ Non-Standard Bottomhole

4. Downhole Commingle: Yes , No ☒

a. Pool #2 , Code , Acres

Pool #3 , Code , Acres

Pool #4 , Code , Acres

5. POTASH Area Yes , No FED

D. Blowout Preventer Yes ☒ No

E. H2S Yes ☒ No Part of FED API

F. C144 Pit Registration Yes , No need

G. Does APD require Santa Fe Approval:

1. Non-Standard Location: Yes , No ☒ NSL #

2. Non-Standard Proration: Yes , No ☒ NSP #

3. Simultaneous Dedication: Yes , No ☒ SD #

Number of wells Plus #

4. Injection order Yes , No ☒; PMX # or WFX #

5. SWD order Yes , NO ☒; SWD #

6. DHC from SF ; DHC-HOB ; Holding

7. OCD Approval Date / /

API #30-0 16-39220

8. Reviewers